TARC

TITUSVILLE AMATEUR RADIO CLUB

SEPTEMBER, 1994

NEWSLETTER

OFFICERS

President: Bud Hughes K4CWG 269-0779 Secretary: Bobbi Sue Wood KE4BBS 268-8537
VicePresident: Cliff Hoag KC4SYD 267-7030 Treasurer: Clyde Lee K4EOS 267-937

PRESIDENT'S CORNER

By Bud Hughes K4CWG

On August 2, the Titusville Amateur Radio Club was granted the tax exemption status under section 501(A). This is a most welcomed classification and we owe a salute of thanks to Ralph, KE4AGL, who as you know, put together the package for this ruling. For those who would like to know more about the ramifications of 501(A), get in touch with Ralph - he is the pro on this matter.

According to Les, K4SJC, our hamfest committee chairman, things are looking great! K4BZJ, Les, is in charge of the tables and they are selling very well. And yes - you are right. Jose, KC4VIO is the tailgate chairman again, and we are expecting a lot of activity in that area.

The club will have a couple of tables at the Melbourne Hamfest coming up September 10. By having tables it gives us a central place to meet and cool our heels and to check out each others purchases.

There was a good turn out of TARC members in attendance at the Jacksonville Hamfest. We had a real caravan going up and really enjoyed the simplex chattering on the way up and back.

Sherry, my sweetheart and companion of 41 years, is taking orders for club shirts. We must have a minimum order of 36 shirts in order to get the price of $12.00 with the club logo.

Be sure and bring a friend to the club meeting on Tuesday, August 23.

Best of 73's.

VOTE
VINCENT J. SCHNEIDER
CITY COUNCIL SEAT 1

Paid Polital Advertisement

NOTICE TO NEW HAMS

IF YOU HAVE RECEIVED YOUR CALL SIGN AND HAVE NOT REPORTED IT TO BUD, PLEASE DO SAY ASAP SO THAT THE RECORDS MAY BE BROUGHT UP TO DATE. THANK YOU

SEPTEMBER BIRTHDAYS

SEPT. 1 WB4SIG DAVE McLEAN
SEPT. 3 KC4HUG FAYE MARTIN
SEPT. 5 KA4NZM DICK RUFFE
SEPT. 9 W4YWA DICK McKLVEEN
SEPT.12 K4DII FRED McKENZIE
SEPT.14 W4VQB BOB NEDIMYER
14 KE4MWF TIM PRICE
14 WA8JDT PETE MILLER
SEPT.15 KC4HIQ SGHIRLE SWEATT
15 W1BSO MAYNARD CHENEY
15 N4YGP KAREN WHALL
SEPT.16 KE4BIA KATHRYN SHAVER
SEPT.19 KD4CBV GEORGE BORTLE
SEPT.24 KD4PHQ RANDALL DEPPENSMITH
SEPT.25 KE4GBP MARK DEPPENSMITH
SEPT.28 WB2UNK GEORGE FLORES

MUTINY ON THE BOUNTY SURVIVING FAMILIES

From Cliff KC4SYD

Thanks so much for the interesting contact. I thought you may be interested in a little information on the island and the way of life.

GEOGRAPHY: Pitcairn Island is a small volcanic island in the South Pacific. Its coordinates are 25.04 South, 130.06 West. The island is about 2 miles long and 1 mile wide; 1.75 square miles. It is made up of many steep hills and cliffs with some flatter areas which are used for cultivation and the residential area of Adamstown. As the island rises sharply out of the sea, most of its perimeter is cliffs. There is no safe anchorage at Pitcairn and no traffic facilities. The climate is generally warm with a high of 32C on the hottest days and a low of 12C at night in the winter. Humidity is often very high and the island is bathed in a constant fine mist of salt spray.

POPULATION: The present number of permanent residents on the island is 55. This includes the islanders, the pastor (me) and his family (Susan, Fritha, Obie, Kei), the Education Officer and her husband. In addition we have a couple of young people off the island completing their secondary education in New Zealand.

VEGETATION: There are a variety of weeds and grasses with one weed, Lantana, a problem. It easily takes over cultivated areas. The Rose Apple tree is a nuisance. It was introduced some time ago and used for fire wood. When one is cut down it seems five grow in replacement. The tropical flowers are quite beautiful. Banana, papaya, coconut, mango, citrus, guava, grapes, strawberries and pineapple grow well here, and vegetables grow year round as the soil is a well drained loam. The limited availability of the Miro tree, which the people use for carving, means that a yearly trip must be made to Henderson Island (107 miles) by open longboat.

MARINE LIFE: Fish is very important to the diet of the people. Both men and women fish a lot from either the rocks at the bases of the cliffs or from private 16' plywood boats. Sometimes there are public fishing days from the longboats. Crayfish are not eaten on the island, but are harvested and traded with passing ships or sent to New Zealand. Sharks are caught only for their teeth which are used in the wood carvings. Yellow fin tuna and barracuda are trawled for as well.

SHOPPING: The island is serviced by supply ships (currently 3 times a year) from New Zealand and bulk supplies arrive on the island including fuel, meat, flour, sugar, salt, cereals, canned goods, onions, potatoes and other provisions. There is a Cooperative store, established in 1967, which opens for about an hour 3 times a week. Islanders trade on passing ships for all sorts of goodies. Goods are available from the United States with relative ease and are shipped from Houston.

POWER: Public power is supplied by a diesel generating plant and is available between 9-12 am and 4-10 pm. On Friday power is available for an extra hour in the morning because extra cooking is usually done then in preparation for the Sabbath. Most homes also have privately owned diesel generators which can be used outside public power times. Today homes have a broad array of electrical appliances including freezers, cooking ranges, washing machines, entertainment equipment, etc.

ENTERTAINMENT: Video viewing has taken over the island in a big way as the major form of entertainment and the traditional film evenings at the hall - once so much a part of community life here - are all but finished. Family picnics and combined meals are common. Sports days are always popular and cricket is played by everyone. A tennis court is under construction and will be a welcome addition to community recreation. Many birthdays are celebrated with a public dinner. Two days are very special on the island - Christmas Day and Bounty Day.

(continued on page 3. . . . . .)

ADMINISTRATION: Pitcairn is a British Protectorate and the British High Commissioner in Wellington, New Zealand has, among other responsibilities, the governorship of the islands as his portfolio. Day to day administration is performed by the Commissioner for the Pitcairn Islands in Auckland, New Zealand. An Education Officer/Government Adviser is appointed to the island and works in conjunction with a local island council. The council consists of the island Magistrate and eight other elected members. The Pastor and Government sit as advisors only. The main source of income is derived from the sale of postage stamps. This source is declining in the current dip in the world economy, and other means of income are presently being considered. The official currency is the New Zealand Dollar. However, because of the close contact with international shipping, the US-Dollar is used often, as well as the British Pound, Australian and Canadian Dollars. Pitcairn has also minted its own dollar which follows the New Zealand exchange rate.
VR6ME - Mark Ellmoos

TECHNICAL COMMITTEE MEETING
JULY 19, 1994

The meeting was conducted in Bud's showroom, and it started at 1908 hours. Due to argument and confusion throughout the meeting, I found it difficult to understand much of what was taking place. However, the purpose of the meeting was to discuss the opportunities for additional repeater services, and in order to present a constructive report toward that end, I am attaching a summary prepared by KE4KIB-Todd. My own notes seem to corroborate this summary. Also, my notes indicate that no actual decisions were voted. The meeting was concluded at 2140 hours.

Your Secretary, KE4BBS-Bobbi Sue

TARC REPEATER PLAN

OBJECTIVES:
1. Enhance TARC repeater capibilities for a 300+ membership.
2. Add an additional VHF repeater (145.49MHZ) to Marine Patrol Tower.
3. Utilize new Marine Patrol 350' tower for UHF 444.150 repeater.
4. Utilize UHF repeaters donated to the club by the City of Titusville.

PHASE 1:
Antenna and transmission line for Marine Patrol tower. This is needed when erection crew is on site. Erection personnel will install TARC antennas/cables. This gives dual antennas at a very low cost of $520.

OPTION 1:
Use CATV 750 OHM cable at no cost and procure 4 connector baluns ($200). Install two antennas.
1) At 350' New Diamond X-700HA ($320)
2) At 250' a Diamond X500H removed from 146.970 repeater site.
3) Install spare VHF antenna at 146.970 repeater site.

OPTION 2:
Purchase 50 OHM Andrews Helix ($2.50')/connectors ($1200) Diamond X-700HA Antenna ($320).
This gives one dual band antenna at 350'. Less to go wrong with installation. Additional signal strength. Cost:$1520

OPTION 2A:
Same as option 2 but with 50 OHM Andrews Helix. (Dual antennas) Cost $2270.

PHASE 2:
Activate Marine Patrol Repeater site. Install UHF repeater donated by city and select one of the following for VHF installation.

OPTION 1:
Purchase VHF repeater/controller for 145.49 MHZ station. This will give the 3rd TARC VHF repeater. Cost: $6000

OPTION 2:
Part 1: Move 146.970 repeater/controller to Marine Patrol. Purchase crystals for 145.49MHZ. This gets VHF/UHF operatin from Marine Patrol with 350' antenna performance. Cost:$100
Part 2: Procure controller to give voice ID autopatch and bells and whistles capability. Cost: $?
Part 3: Procure repeater for 146.970 MHZ site (use original controller). Cost: $?
Option 2 gets you three VHF repeaters in steps as money becomes available. It gets Marine Patrol site operational ASAP.

NOTES:
Telephone line should be installed as soon as repeaters at Marine Patrol become operational. Autopatch will not be added until money is available to install antennas and repeater/controller.

FCC PROPOSES HF DIGITAL CHANGES: WOULD ALLOW SOME AUTOMATIC CONTROL

From August, 1994 QST

On June 13, 1994, the FCC proposed to amend the amateur rules to allow automatic control of digital stations under certain conditions on the HF amateur bands. The Notice of Proposed Rule Making (NPRM) in PR Docket 94-59 was released June 23, with a comment deadline of October 1, 1994.

>The FCC proposed the following HF sub-bands for automatically controlled digital operation:

28.120 to 28.189 MHz
24.925 to 24.930 MHz
21.090 to 21.100 MHz
18.105 to 19.110 MHz
14.0950 to 14.0995 MHz
14.1005 to 14.112 MHz
10.140 to 10.150 MHz
7.100 to 7.105 MHz
3.620 to 3.635 MHz

These band segments are those suggested by ARRL and conform to international practice. The following is the Commission's announcement.

"The Commission has proposed amending the amateur service rules to authorize automatic control of stations transmitting a digital emission on the High Frequency (HF) amateur service bands.

"This action was requested in petitions filed by the American Radio Relay League, Inc. (ARRL) and the American Digital Radio Society Inc. (ADRS)

"The propagation characteristics of the HF bands allow for long-distance communications. Amateur operators take advantage of these characteristics to communicate with other amateur stations all over the world. Establishing and maintaining an HF communication link, however, presents operating demands not encountered on the Very High Frequency (VHF) and higher-frequency bands.

"The variables affecting communication on the HF bands are highly complex. To maintain the communication link and avoid causing interference to the communications of other amateur stations, the control operator constantly monitors the activity on the channel being used and adjusts the station's transmitting parameters as needed. Because the presence of the control operator has been necessary for proper operation in these systems, automatic control of an amateur station transmitting on any HF band or on the 160-meter MF (medium frequency) band has not been authorized.

"In 1986 the Commission authorized automatic control of amateur stations transmitting digital communication on the VHF and higher-frequency bands and indicated it was interested in authorizing automatic control of stations using the HF bands.

"To determine solutions to the problem of avoiding interference from automatically controlled HF digital stations, the ARRL conducted a successful feasibility project under special temporary authority (STA) the Commission granted to 50 amateur stations. The ARRL's petition is based on the results of that study. The ADRS's petition contained an additional recommendation from amateur operators who have been experimenting for several decades with digital communications on the HF bands (a recommendation the ARRL supported).

"The commission said it was gratified by the cooperation and dedication of organizations within the amateur service community in determining the conditions necessary to allow automatic control of stations transmitting data and RTTY emission types practical and effective.

"Therefore, the Commission proposed to authorize automatic control for stations transmitting data and RTTY emission types on one specific subband of each HF band where such emissions are authorized. It also proposed to authorize communication between a locally or remotely controlled station and an automatically controlled station on any frequency where data and RTTY emission types are otherwise authorized.

"The Commission said that it firmly believes in the principle that government should be responsive to user needs. It noted that the rules it proposed were the result of a successful feasibility project planned and carried out within amateur service community and represented the recommendations of two organizations dedicated to bringing the benefits to be derived from the transmission of digital communication on the amateur service HF bands to amateur operators in the US and elsewhere without causing unnecessary interference to other types of communication."

THIS AND THAT
By Joan Hoag

Perhaps the most valuable result of all education is the ability to make yourself do the thing you have to do, when it ought to be done, whether you like it or not; it is the first lesson that ought to be learned. . . . (and) probably the last lesson to be learned thoroughly.
Thomas Huxley

To laugh at men of sense is the privilege of fools! Jean de la Bruyere

Wisdom is the way knowledge is held.
Alfred North Whitehead

A dear 80 year old lady has apparently learned to grow old beautifully. She proudly says, "I am now an OCTOGERANIUM."

The devil tempts the busy man - but the idle man tempts the devil. Turkish Proverb

While spending the week-end with a friend I had the luxury of a breakfast tray in bed. Soon Daisy, a Golden Retriever appeared and eyed a banana on my tray. Then he trotted out of the room, down the stairs and into the kitchen. In a minute he returned carrying his prize bone which he carefully laid on the bed. Then looking me straight in the eye with tail a-wagging, he gently reached up, took the banana and disappeared. I'm not particularly fond of bones, but he must have thought it a fair exchange for the banana he was crazy about.

A minister gave up his pulpit in order to become a doctor. He told his friend he had discovered people will pay more to care for their bodies than their souls. A few years later this same man left medicine to become a lawyer. When his friend asked why, he answered, "I've found people will pay more money to have their own way than to care for body or soul."
"None of These Diseases" S. I. McMillen

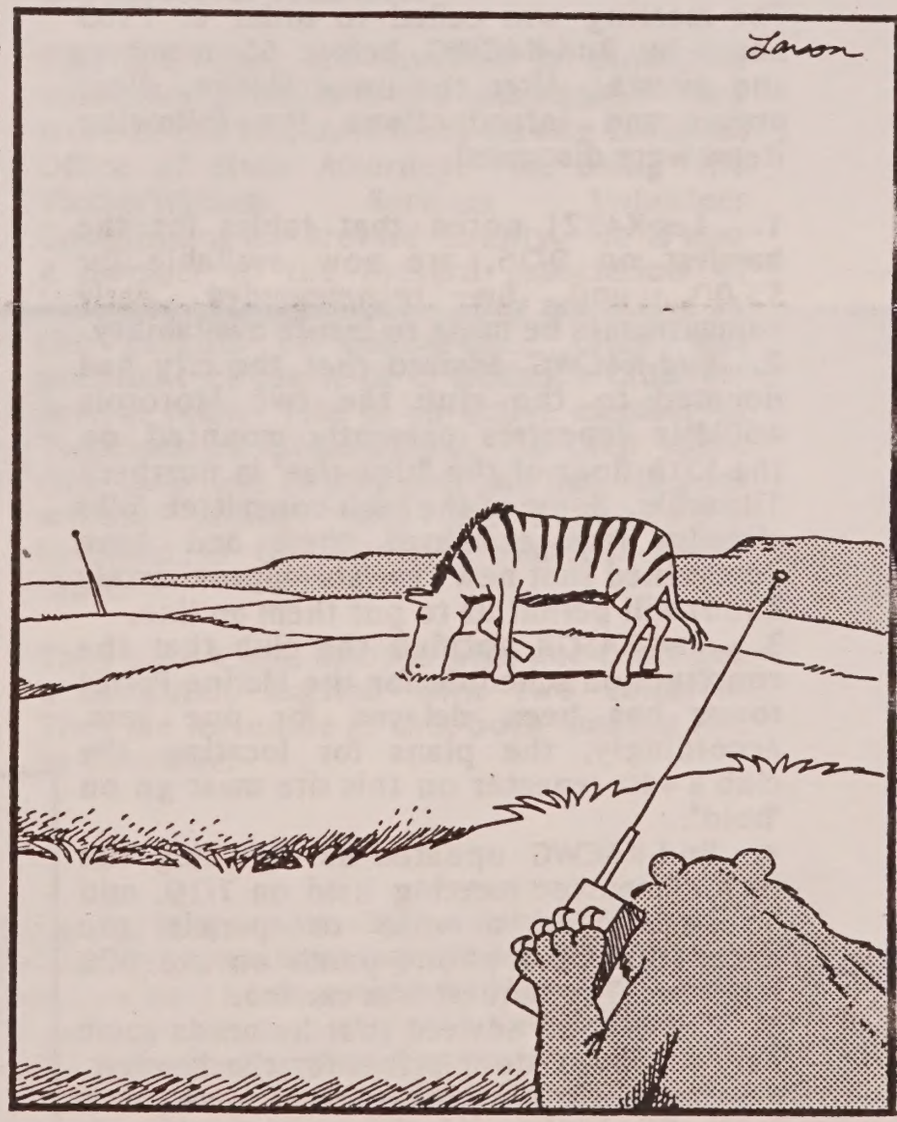
You cannot touch your neighbors heart with anything less than your own.

Rules for rearing children from Susannah Wesley, 18th century:

1. Subdue self-will in a child to help nature along.
2. Teach him to have prayer as soon as he can speak.
3. Give him nothing he cries for and only what is good for him if he asks politely.
4. To prevent lying, punish no fault which is freely confessed, but never allow rebellious, rude or wrong acts to go unnoticed.
5. Commend and reward good behavior.
6. Strictly observe all promises you have made to the child.

Your AVAILABILITY is quite often more important than your ABILITY.

A woman told her doctor that she was seriously ill and named the disease she suspected. But he said she couldn't possibly have that disease for it never caused discomfort. "That's it, Doctor. That's exactly why I'm so worried. I feel absolutely wonderful."



The modern lion

TREASURER'S REPORT - YEAR TO DATE
By K4EOS, Clyde Lee

BALANCE FORWARD FROM 1993	518.90
DEPOSITS: 50/50,ARRL,dues,donations dues,hamfests,interest,TARCFEST, loan,stu.fees,Xmas pty.,shirts	4440.29
TOTAL INCOME	4959.19
EXPENSES: ARRL.bnk.chgs,Bud loan gifts,Ins.Off.supp,POBox,postage, printing,stu.bks tel, Xmaspty., Exam. fees,fldday, TARCFEST, hamfest,inc.fee,jc's,reptr,	3033.94
BALANCE AS AT 07/31/94	1925.25

JULY MEETING
By Bobbi Sue KE4BBS

The meeting was called to order at 1905 hours by Bud-K4CWG before 65 members and guests. After the usual Pledge, silent prayer and introductions, the following items were discussed:

1. Les-K4BZJ noted that tables for the hamfest on 9/26, are now available for $5.00, and he recommended early commitments be made to insure availability.
2. Bud-K4CWG advised that the city had donated to the club the two Motorola 460MHz repeaters presently mounted on the 13th floor of the "high-rise" in northern Titusville. Some of the tech-committee folks already have examined them and have determined that new crystals (approximately $300) will permit us to put them on line.
3. Alan-K4SGR notified the club that the construction schedule for the Marine Patrol tower has been delayed for one year. Accordingly, the plans for locating the club's 440 repeater on this site must go on "hold".
4. Bud-K4CWG updated us regarding the tech committee meeting held on 7/19, and he asked for a vote to permit the installation of a phone patch on the 970 repeater. The request was carried.
5. Pike-W4EPU advised that he needs some help to obtain door prizes for the hamfest. Responses to his solicitations have been somewhat disappointing, and he is requesting some volunteers to help fill the void.
6. Bud-K4CWG put the "finale" on the field day project, noting that the club's package had been submitted to ARRL for accreditation, and that a record of the planning/execution activities had been captured for reference for the planning of next year's program.
7. Cliff-KC4SYD introduced the new net controller for the Thursday morning Friendship Net to start again in early September. Your new voice will be that of Mike-KE4MUZ. Mike and his lady Noel graduated from Jose's class of '94; and we are so very pleased that he will become one of our spokesmen!! And folks, wait until you hear his voice!! (Think maybe he studied for the opera?) Thanks, Mike, we appreciate it, and Good Luck!
8. Next fox hunt will start from K-mart parking lot at 1300 hrs on the 14th.
9. John-K4JYX shared with us the need/opportunity for volunteers to participate in the Working Visitor Program in Equador. The program utilizes the knowledge and expertise of folks like us to help those people to better their standard of living. One criterion for participation is, the volunteer must be a Born Again Christian.

>After the break (thank you, Miz Kay), Ozzie-N4SCY shared with us an entertaining "insider's view" of the communications and logistics aspects of the World Cup Games in Orlando. He did it quite well, and he made it real. And we enjoyed. Thank you much, sir. Neat talk!

>The meeting was adjourned at 2040 hrs, and some of the chow-hounds among us reconvened at "Dogs" for a post-mortem. (Didn't change a thing)!

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ABELL'S ANECDOTES
By Pike Abell W4EPU

Tom, Dick and Hadley were traveling by car. They were three ordinary people with no particularly identifiable personality characteristics. Only thing, Hadley was a bit lax regarding his personal hygiene. He probably didn't take showers or change clothes as often as he really should.

>Late one evening their car broke down in a rural area in front of a farm house. They asked the farmer if they could use his phone to call for help. The farmer explained that his phone was out of order, that the nearest public phone was in town four miles away in a cafe, and the cafe was closed for the night. He invited them to spend the night. In the morning he would take them to town to make their phone call. The farmer explained that he only had room for two, but one could sleep in the barn. The only animal in the barn was a pig and he was in a stall. Above the pig stall in the loft was some hay one could sleep on. Tom volunteered to sleep in the barn.

>After a while there was a knock on the farmers door. It was Tom. He explained that the pig snored and kept him awake. "Not only that," Tom explained, "I can smell the pig." Dick said he didn't mind the snoring and he went to sleep in the barn. Half hour later Dick knocked on the door. The farmer opened it. Dick explained that until he got a whiff of the pig, he had forgotten that he was highly allergic to pigs and couldn't stand to be even in the same building with one. Hadley, hearing the conversation, said "What the heck, I'll sleep in the barn", and went out to the barn.

>Shortly thereafter there was another knock on the farmers door. The farmer opened it - there stood the pig.....

MEET PIKE, W4EPU AND CLARA ABELL

Pike and Clara were both raised on farms in southeast Missouri and northeast Arkansas. Pike was in the army during World War II. After the war he went back to school under the GI Bill. They met in Kennett, a small town in southeast Missouri, where he was a radio station engineer. They were married in Washington, D.C. on September 2, 1950.

Pike's career with the CIA kept him in D.C. a great deal of the time, but they also spent years in Greece, Iran, other Middle East countries, the Far East and Saipan in the mid Pacific. Clara also worked as a contract employee for the CIA. They retired in 1972 and moved to Titusville.

Pike and Clara are involved in numerous volunteer activities in the community. They work in the Victim/Witness Service Division, Office of State Attorney, Pike being the Victim/Witness Services Volunteer Coordinator for Brevard County. He is also a member of the Brevard Association of Volunteer Management. They are active in the Knights of Columbus. Clara was president of the K of C Women's Club for several years. Pike is an active member of Toastmasters International. In their spare time they love to play golf and fish. It goes without saying, they are both deeply involved in the Titusville Amateur Radio Club.

They have a son, married with one child and a daughter, married with two children. They are fortunate in that both families live in Titusville.

From August, 1994 QST

Crime and Punishment—With a Sense of Humor! If you don't recognize this legendary crime-fighting tool, you're almost certainly a newcomer to Amateur Radio. What is it? It's the sacred Wouff Hong, of course, a tongue-in-cheek torture device (to be used on hams who sent poor Morse code or exhibited other undesirable qualities) created by Amateur Radio's progenitor, Hiram Percy Maxim, who was also known as "The Old Man."

MEMBERSHIP UPDATE

Total Membership: 270 (includes 54 family members & 8 honorary)

New Members: NOT YET MIKE PALIN
KE4LNQ PAT THOMAS
KA4WIQ JOHN PHILLIPS

Renewals: KE4AGO BILL REALY
W4GMW NEALE CRANSTON
K3KS DAN BOYLE
N4KXH KEN WINDHAM
KC4TZY JOEL WRIGHT
KC4VHH GLEN YOUNG
N4WWG DAVE HART

UPCOMING FLORIDA HAMFESTS

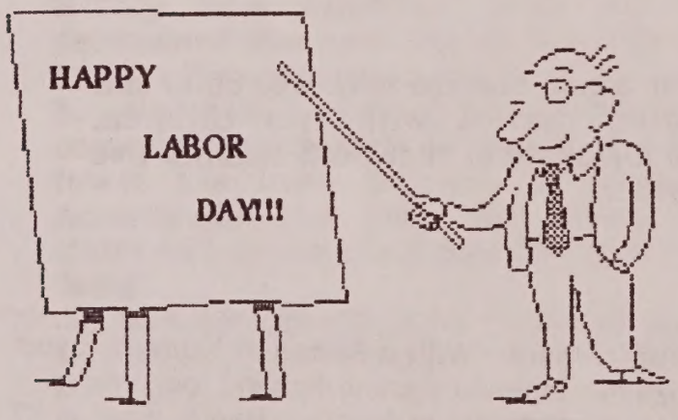
9/10-11 MELBOURNE: Melbourne Auditorium
625 Hibiscus Blvd. Talk-in 146.850

9/24 TITUSVILLE: Free! Fox Lake Park
Talk-in on 146.910
INFO: Les 267-1565

9/25 NEW PORT RICHEY: New Port Richie
Recreation Cente 6630 Van Buren
Talk-in on 145.350/147.150

10/1 ST.PETERSBURG: 1st Unity Church
469 45th Ave. North Talk-in on 147.06

10/1 CROSS CITY: Trail Rider's Club
Next to Cross City Airport
Talk-in on 146.700/147.390

10/15 STARKE: Bradford Co.Fairgrounds
US 301 and SR 100 Talk-in on 146.910

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